

ABSTRACT OF THE INVENTION

A biodegradable wrap film simultaneously provided with cutting suitability, wrapping suitability, and heat resistance, in addition to biodegradability provided in lactic acid resin, is provided.

A biodegradable wrap film containing a lactic acid resin composition as the main component and having a value of storage modulus at 40°C in the range of 100 MPa to 3 GPa as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198, a value of storage modulus at 100°C in the range of 30 MPa to 500 MPa, and a peak value of loss tangent ($\tan \delta$) in the range of 0.1 to 0.8, was developed. This film displays excellent microwave oven suitability, in addition to resiliency and softness, and stretching and tensile strength suited for application in wrap film for household use.